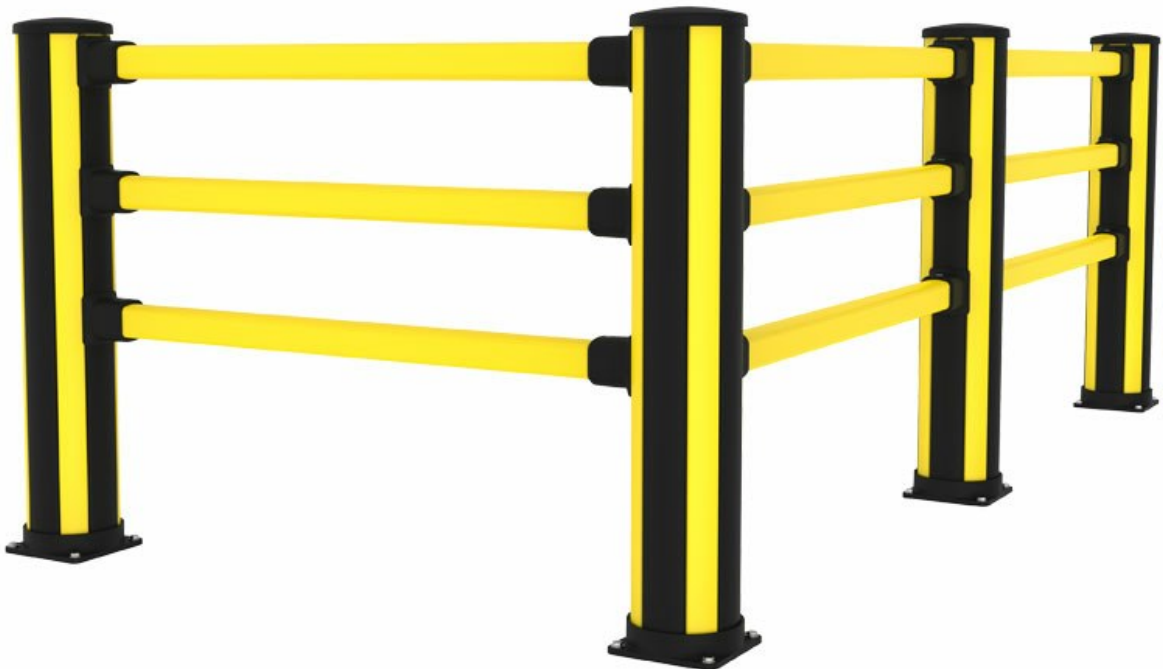


# Pedestrian

Use the X-Protect Pedestrian barrier configuration to define pedestrian routes and protect from light duty impacts. It is also possible to combine with a pedestrian gate. The pedestrian gate is self closing, provided with a universal handle and width is adjustable from 690-1210 mm.









X-Protect is a unique approach to safety barriers. Unrivalled modularity, using only a few system components and damping that is built in to create a barrier system that changes with your work place. X-Protect allows rapid transformation, repair or replacement of existing barriers and bespoke configurations are limitless.

Impact test results					
Area of impact	Load	Equivalent to		90° Deflection	Force to fixings
Centre of barrier C - C as below					
1500mm	4000 J	2500 kg 6.4 km/h	5000 kg 4.5 km/h	360mm	14.3 kN
2000mm	5000 J	2500 kg 7.2 km/h	5000 kg 5 km/h	490mm	18.7 kN
Posts					
End post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	10 kN
Mid post	1900 J	2500 kg 4.4 km/h	5000 kg 3.1 km/h	NA *	8.4 kN






\* Deflection of posts is equivalent or less than that of the rail/s and is not considered to be critical for product selection. Performance is tested at height of the lowest rail. The post will perform better for lower strikes and deflection.

## Models


### Posts 6 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	CC (MM)	COLOR
	<b>BCC1-116-00P3</b> Pedestrian corner	1160		Zinc Yellow (RAL 1018)
	<b>BCC0-116-00P3</b> Pedestrian corner	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	<b>BCM1-116-00P3</b> Pedestrian mid	1160		Zinc Yellow (RAL 1018)
	<b>BCM0-116-00P3</b> Pedestrian mid	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)
	<b>BCE1-116-00P3</b> Pedestrian end	1160		Zinc Yellow (RAL 1018)
	<b>BCE0-116-00P3</b> Pedestrian end	1160		Zinc Yellow (RAL 1018) Graphite Black (RAL 9011)

Hand rails 5 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	CC (MM)	COLOR
	<b>RCP1-177-0200</b> Hand rail extrusion		2000	Zinc Yellow (RAL 1018)
	<b>RCP1-127-0150</b> Hand rail extrusion, C-C=1500mm, RAL 1018 yellow		1500	Zinc Yellow (RAL 1018)
	<b>RCP1-077-0100</b> Hand rail		1000	Zinc Yellow (RAL 1018)
	<b>RCP1-047-0070</b> Hand rail		700	Zinc Yellow (RAL 1018)
	<b>RCP1-027-0050</b> Hand rail		500	Zinc Yellow (RAL 1018)

Gate 1 articles

ARTICLES / DESCRIPTION		HEIGHT (MM)	CC (MM)	COLOR
	<b>GCP8-069-0121</b>			

## Related products

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### PEDESTRIAN BARRIERS

#### Pedestrian gate

Universally handed, self closing and width adjustable from 690mm to 1210 mm.

[1 articles](#)



### CLASSIC PEDESTRIAN BARRIERS

#### Pedestrian with impact high

Use the X-Protect Pedestrian + Impact high barrier configuration to protect walkways from medium duty vehicles where there is a reduced risk of ground level impacts. It is also possible to combine...

[19 articles](#)



### CLASSIC PEDESTRIAN BARRIERS

#### Pedestrian with impact

Use the X-Protect Pedestrian + Impact barrier configuration to protect walkways from medium duty vehicles where there is an increased risk of ground level impacts. It is also possible to combine wi...

[19 articles](#)

## X-Protect components

These are the building blocks of our modular Impact Protection range.

### BARRIERS & RAILS

#### Hand Rails



Width x Height:

68 x 72 mm | 2 11/16" x 2 27/32"

Length:

270 - 1770 mm | 10 5/8" - 69 11/16"

#### Impact Barriers



Width x Height:

116 x 220 mm | 4 9/16" x 8 21/32"

Length:

270 - 2770 mm | 10 5/8" - 109 1/16"

### POSTS & BOLLARDS



#### Classic

4 connection sides

Width:

200 mm

7 7/8"

Height:

350 -

1160 mm

13 13/16" -

45 11/16"



#### Essential

2 connection sides

Width:

132 mm

5 3/16"

Height:

620 -

1170 mm

24 7/16" -

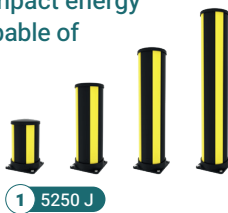
46 1/16"



## X-Protect Standard Configurations

+ the highest impact energy (J) they are capable of withstanding\*

\* The highest force depends on the C-C. More information is available upon request.



1 5250 J



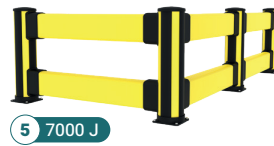
2 4500 J



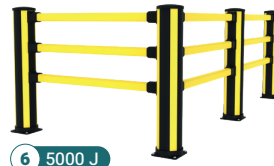
3 6200 J



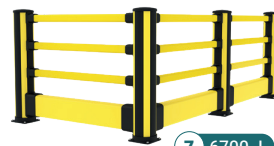
4 7700 J



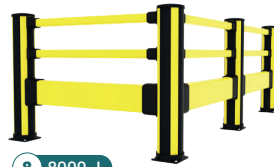
5 7000 J



6 5000 J



7 6700 J



8 8000 J



9 8300 J



10 0 J



11 1800 J



12 3000 J



13 1500 J



14 1700 J



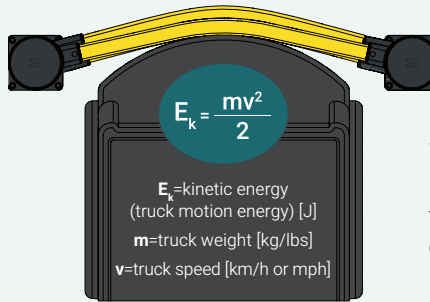
15 2250 J



16 3100 J

1. Bollards
2. Impact
3. Impact High
4. Double Impact Low
5. Double Impact High
6. Pedestrian
7. Pedestrian + Impact
8. Pedestrian + Impact High
9. Pedestrian + Double Impact
10. Pedestrian Gate
11. Column Guard
12. Floor Barrier\*
13. Essential Bollards
14. Essential Pedestrian 2 rail
15. Essential Pedestrian
16. Essential Pedestrian + Impact High

\* The Floor Barrier can be used in combination with configurations: 3, 6, 8 & 9



## Impact testing

This is how we calculate the energy from a vehicle impact.



Loaded weight  
**3600 kg / 7930 lbs**



Loaded weight  
**2700 kg / 5940 lbs**



Loaded weight  
**2100 kg / 4620 lbs**

Speed	Load
6 km/h   3.7 mph	5020 J
8 km/h   5 mph	8880 J
12 km/h   7.5 mph	19960 J

Speed	Load
6 km/h   3.7 mph	3770 J
8 km/h   5 mph	6660 J
12 km/h   7.5 mph	14970 J

Speed	Load
6 km/h   3.7 mph	2930 J
8 km/h   5 mph	5180 J
12 km/h   7.5 mph	11670 J

### Component Colours

● RAL 1018 ● RAL 9011

### Operating temperature

-10°C → 40°C

